

Form PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Atty. Docket No. Q63518	Serial No. 09/883,279 (Continuation of Application Serial No. 09/411,256)	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shinobu TANAKA				(Part of #4)
		Filing Date: June 19, 2001		Group: 2167		
U.S. PATENT DOCUMENTS						
Examiner Initial	Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
<i>[Initials]</i>	4,097,791	6/1978	Bivens et al.	318	484	
<i>[Initials]</i>	4,757,712	7/1988	Jurca	73	865.9	
<i>[Initials]</i>	5,238,086	8/1993	Aoki et al.	187	223	
FOREIGN PATENT DOCUMENTS						
	Document	Date	Country	Class	Sub-class	Translation Yes/No
<i>[Initials]</i>	JP 4365798	12/17/92	Japan	414	634	Abstract
<i>[Initials]</i>	JP 63-293,230	11/1988	Japan	414	634	
<i>[Initials]</i>	JP 03-240,113	10/1991	Japan	414	634	
<i>[Initials]</i>	JP 04-365,798	12/1992	Japan	414	634	
<i>[Initials]</i>	JP 08-268,696	10/1996	Japan	414	634	
<i>[Initials]</i>	JP 08-282,994	10/1996	Japan	414	634	
<i>[Initials]</i>	JP 11-092,099	4/1999	Japan	414	634	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER: <i>[Signature]</i>		DATE CONSIDERED: <i>12/10/01</i>				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.						

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Note: Indicate all documents cited above as "cited by the examiner" or all were rejected by examiner in the parent case.

Substitute for Form 1449 A & B/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	09/883,279
				Confirmation Number	1528
				Filing Date	June 19, 2001
				First Named Inventor	Shinoobu TANAKA
				Art Unit	2167-3652 <i>Wenner</i>
				Examiner Name	Gerald J. O'CONNOR <i>T.C.A.</i>
				Attorney Docket Number	Q63518
Sheet	1	of	1		

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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*Complete if Known*

Application Number	09/883,279
Confirmation Number	1528
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First Named Inventor	Shinoobu TANAKA
Art Unit	3167-3652 <i>Werner</i>
Examiner Name	Gerald J. O'CONNOR <i>T.C.A.</i>
Attorney Docket Number	Q62518

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

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#### **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
PW		Patent Abstracts of Japan vol. 1999, no. 2 (Toyota Autom Loom Works Ltd.) for JP 10-310395	
PW		Patent Abstracts of Japan vol. 1998, no. 05, (Mitsubishi Heavy Ind. Ltd.) for JP 10-019113	
PW		Patent Abstracts of Japan vol. 1997, no. 8 (Nippon Yusoki Co. Ltd.) for JP 09-104598	
PW		Patent Abstracts of Japan vol. 2000, no. 17, (Toyota Autom Loom Works Ltd.) for JP 01-060599	
PW		Patent Abstract of Japan vol. 2000, no. 17 (Toyota Autom Loom Works Ltd.) for JP 01-013339	

Examiner Signature F. E. Werner Date Considered 12/0~

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